

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-16. (Canceled).

17. (New) An isolated nucleic acid probe comprising at least 15 nucleotides which hybridizes under stringent conditions to a variant human cytochrome P-450 (CYP3A4) gene having a T to C variance at nucleotide 732 and does not hybridize under stringent conditions to a human cytochrome P-450 (CYP3A4) gene not having a T to C variance at nucleotide 732.

18. (New) The probe of claim 17 wherein the probe comprises fewer than 200 nucleotides.

19. (New) The probe of claim 17 wherein the probe comprises fewer than 100 nucleotides.

20. (New) The probe of claim 17 wherein the probe comprises DNA.

21. (New) The probe of claim 17 wherein the probe comprises DNA and at least one nucleic acid analog.

22. (New) The probe of claim 17 wherein the probe comprises a peptide nucleic acid.

23. (New) The probe of claim 17 wherein the probe further comprises a detectable label.

24. (New) The probe of claim 23 wherein the label is a fluorescent label.